



Joint Board Meeting South Coast Rail - Phase 1 Service

*Project Briefing
September 17, 2018*

Agenda

1. Deliverables
2. FY19 Planned Spending
3. Program Management
4. Recommended Board Action

- 1. COMPLETE DESIGN FOR PHASE 1 BY MAY 31, 2019**
 - While continuing to advance design for Full Build
- 2. FINALIZE PERMITTING (Coastal Zone Management, Chapter 91, Section 401 and 404 Permits)**
- 3. ACQUIRE ALL LAND NEEDED FOR STATIONS, LAYOVERS, ROW AND SIGNALS EQUIPMENT**
- 4. PROCURE LONG-LEAD ITEMS – Special Trackwork**
- 5. AWARD AND START CONSTRUCTION ON EARLY ACTION PROJECTS (CULVERTS AND 4 BRIDGES)**
- 6. LAY GROUNDWORK FOR FY20 MAJOR CONSTRUCTION PROJECTS**
 - Build program oversight organization across MassDOT & MBTA
 - Work with Administration and Finance to develop full finance plan
- 7. ESTABLISH PROCUREMENT PROCESS FOR COACHES (Bi-level Coaches)**

FY2019 Planned Spending

FY 2019-2023 CIP Funding for SCR- \$108M

| Package/Service | Cost | Notes |
|--|-----------------|--|
| Special Trackwork Material Procurement | \$10.6M | Advertise -September 2018 Award -December 2018 Schedule -1 to 2 year procurement |
| Early Action Culverts Construction Pkg. (67 culverts) | \$17.6M | Advertise -October 2018 Award -February 2019 Schedule – 16 months construction |
| Early Action 4-Bridge Construction Pkg. | \$23.0M | Advertise -October 2018 Award -April 2019 Schedule – 16 months construction |
| Real Estate | \$28.8M | Documentation Prep -On-going thru March 2019 Extend Offers – October 2018 thru April 2019 |
| PM/CM Services | \$25.8M | Program Management Services – on-going thru FY2023 Final Design - on-going through April 2019 Const Phase Services – Early Action contracts only Full Build Preliminary Design – advance toward 30% design Design Standards – stations, signal & communications |
| Force Account/Other Costs | \$2.2M | Costs for on-going force account/services with railroads, utilities, owner's rep, PTC design, vehicle procurement |
| TOTAL | \$108.0M | |

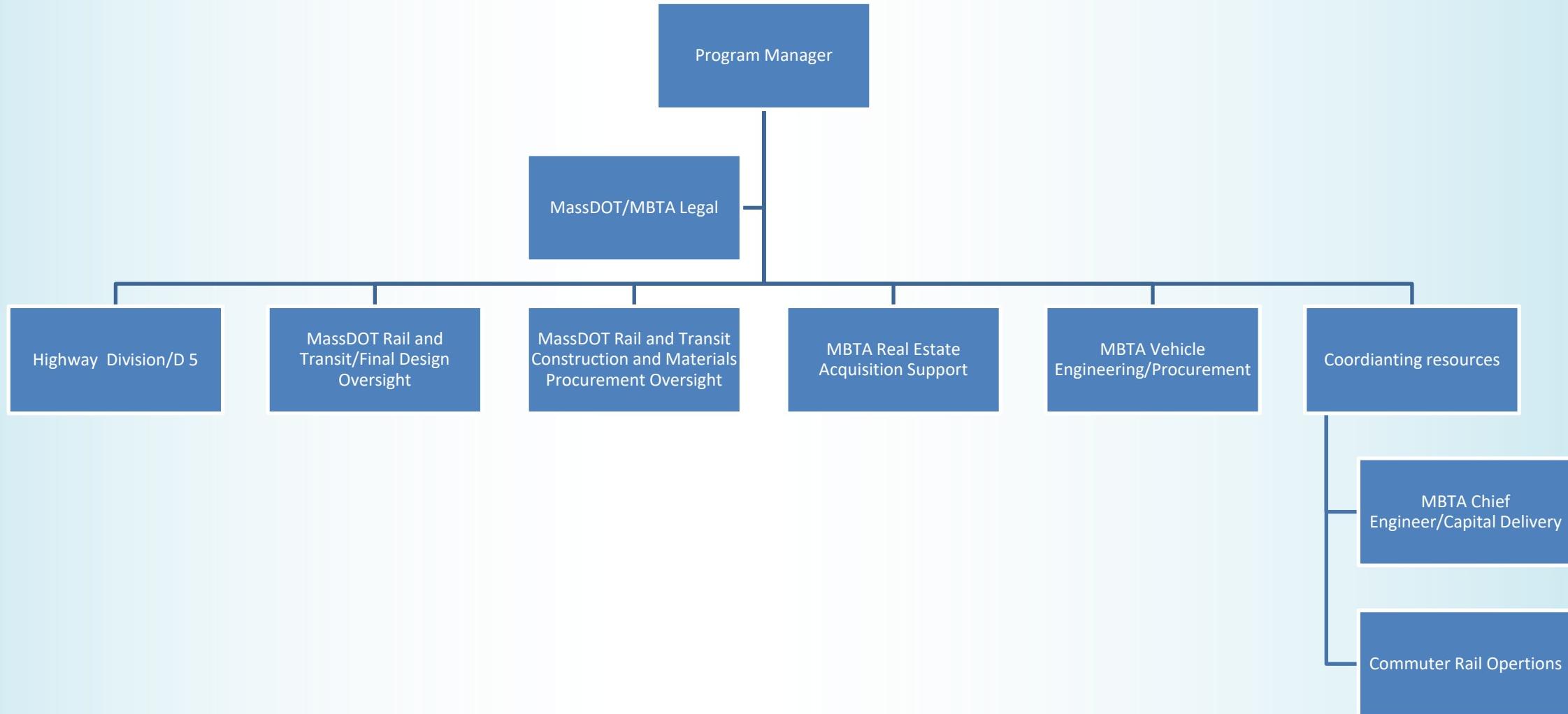
Program Management

| Construction/Procurement Package | Responsible Agency | Organization |
|---|----------------------------|---|
| Special Trackwork Material Procurement | MassDOT Rail & Transit | MassDOT R&T – Management MBTA – technical oversight VHB/HNTB JV – technical support and coordination w/ major construction packages |
| Early Action Culverts Construction Pkg. (67 culverts) | MassDOT Rail & Transit | MassDOT R&T – Resident Engineers/Inspectors MBTA – technical oversight VHB/HNTB JV – construction phase services |
| Early Action 4-Bridge Construction Pkg. & Route 24 Highway Bridge | MassDOT Highway District 5 | MassDOT Highway – Construction management, resident engineers, inspectors MBTA – technical oversight VHB/HNTB JV – construction phase services |

Early Action Organization

- Jim Eng will lead this program team
- Multi-entity team developed to deliver FY19 actions
 - MassDOT Rail and Transit Division
 - Advertise and oversee construction of culverts and grade crossing
 - Procure turnouts that require long lead time
 - Oversee final design in collaboration with MBTA
 - MBTA
 - Acquire real estate
 - Advertise for Construction Manager
 - Prepare to advertise major construction contracts
 - Develop approach for coach procurement
 - MassDOT Highway Division
 - Advertise and construct railroad bridges
 - MassDOT and Administration and Finance
 - Develop Finance Plan
- Will transition to permanent Program Organization Structure before the end of FY19

Early Action Organization



Appendix

Phase 1 – Construction Contract Update

| Contract Package | Agency | 90% Design Completion | 100% Design Completion | Advertisement | Construction Timeline |
|---------------------------|-------------|-----------------------|------------------------|---------------|------------------------|
| Special Trackwork | MassDOT R&T | ✓ | ✓ | | |
| EA Culverts/Tarkiln | MassDOT R&T | ✓ | 10/11/2018 | 10/16/2018 | Feb 2019 – Jan 2020 |
| EA 4 Bridge | MassDOT Hwy | ✓ | 10/03/2018 | 10/24/2018 | April 2019 – Sept 2020 |
| Rt. 24 Highway Bridge* | MassDOT Hwy | June 2019 | Sept 2019 | Dec 2019 | June 2020 – Nov 2022 |
| New Bedford ML* | MBTA | Oct 2019 | Feb 2019 | March 2019 | July 2019 – Feb 2022 |
| Fall River Secondary* | MBTA | Dec 2018 | April 2019 | May 2019 | Sept 2019 – May 2022 |
| Middleborough Secondary* | MBTA | Oct 2018 | Feb 2019 | March 2019 | July 2019 – June 2022 |
| Signals & Communications* | MBTA | April 2019 | May 2019 | June 2019 | Oct 2019 - June 2022 |

*Subject to Finance Plan and CIP

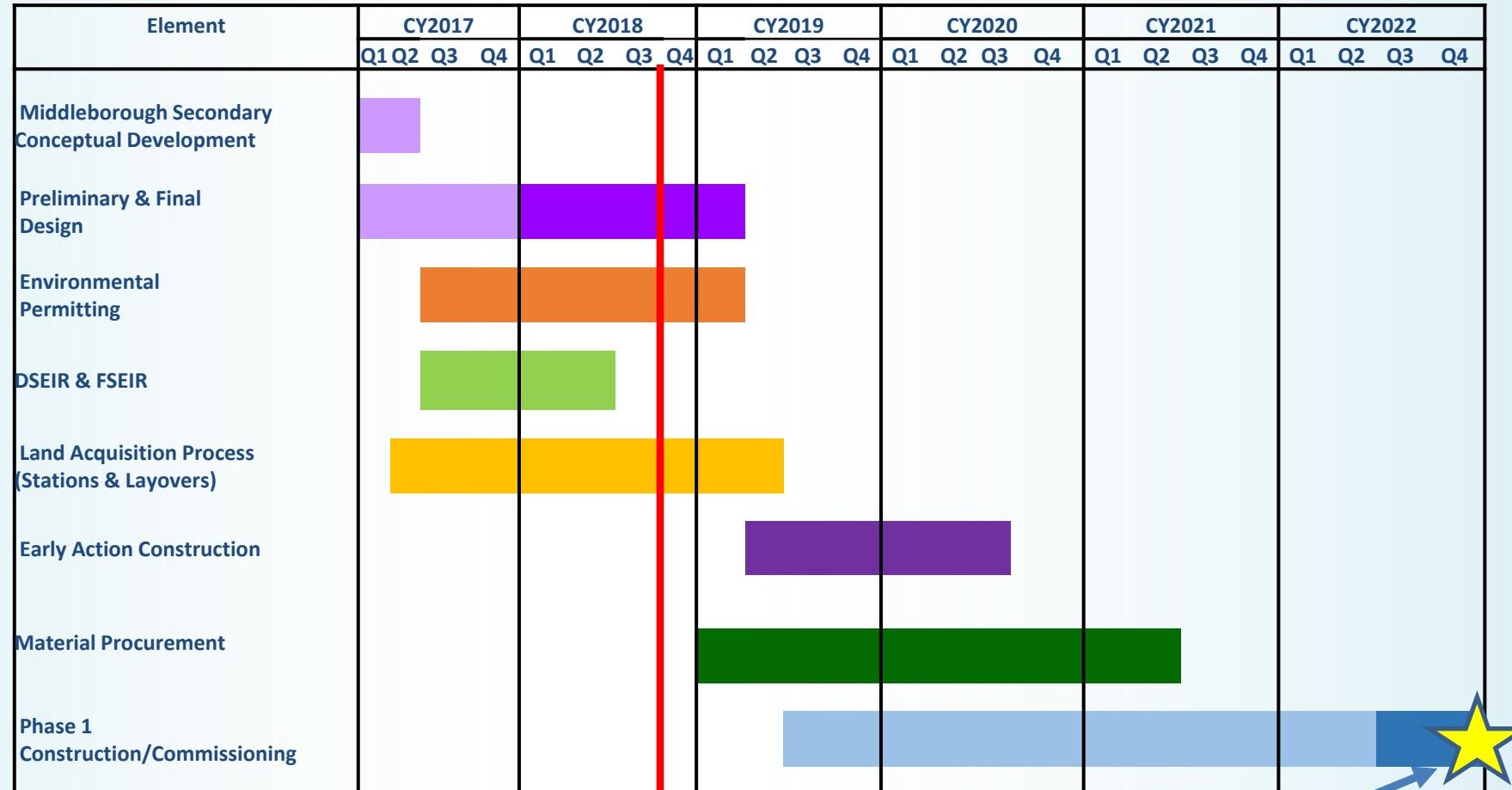
Phase 1 – Real Estate High Priority Acquisitions (9 Properties)

| Contract Package | Number of Properties | Fee Interests | Permanent Easements | Temporary Easements | Relocations | Provided MBTA Receives Complete Package** | Order of Taking Recorded |
|--------------------------|--|---------------|---------------------|---------------------|-----------------------------|---|--------------------------|
| New Bedford Main Line* | 2 | 2 | 6 | 1 | None | By October 15th | No later than 1/15/1/19 |
| Fall River Secondary | 5 | 4 | 1 | 0 | 7 Business 2 Residential | By October 15th | No later than 1/15/1/19 |
| Middleborough Secondary | 2 | 2 | 3 | 0 | 1 Business 1 Residential | By October 15th | No later than 1/15/1/19 |
| Signals & Communications | Acquired as part of each rail line package | | | | | | |

*Parking Lease with New Bedford Port Authority for Whale's Tooth Station

**Additional property acquisitions are being pursued in FY19

Planned Phase 1 Schedule



Start of Service Goal (Nov 2022)